

10-11-01

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Approved for use through 10/31/2002. OMB 0651-0032

PTO/SB/05 (03-01)

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	10370/32421
First Inventor	Heyward, et al.
Title	System and Methods for Conserving Wireless Resources
Express Mail Label No.	EL789902263US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit on original and a duplicate for fee processing)
- ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
- ☒ Specification [Total Pages 23]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 12]
- ☒ Oath or Declaration [Total Pages 3]
  - ☒ Newly executed (original or copy)
  - ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
  - ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(p).
- ☐ Application Data Sheet. See 37 CFR 1.76

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - ☐ Computer Readable Form (CRF)
  - Specification Sequence Listing on:
    - ☐ CD-ROM or CD-R (2 copies);
    - ☐ paper
  - ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

- ☒ Assignment Papers (cover sheet & document(s))
- ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney
- ☐ English Translation Document (if applicable)
- ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
- ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
- ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- ☐ Other: .....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	24728	or	<input type="checkbox"/> Correspondence address below
Name			
Address			
City		State	Zip Code
Country		Telephone	Fax

Name (Print/Type)	Brian J. Anderson	Registration No. (Attorney/Agent)	43,470
Signature		Date	10/10/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.



24728

PATENT - TRADEMARK OFFICE

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 1,020

## Complete if Known

Application Number	TBA
Filing Date	10/10/01
First Named Inventor	Heyward, et al.
Examiner Name	TBA
Group Art Unit	TBA
Attorney Docket No.	10370/32421

## METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:
- Deposit Account Number:
- Deposit Account Name:
- ☐ Charge Any Additional Fee Required Under 37 CFR 1.18 and 1.17
- ☐ Applicant claims small entity status See 37 CFR 1.27

2. ☒ Payment Enclosed:
☒ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Code	Small Entity Code	Fee	Fee	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	740
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
106	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) (\$) 740

## 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
19	20** =	0	0
6	3** =	3	240
Multiple Dependent			0

Large Entity Code	Small Entity Code	Fee	Fee	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 240

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

Large Entity Code	Small Entity Code	Fee	Fee	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,060	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(g)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
Other fee (specify) _____					

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 40

## SUBMITTED BY

Name (Print/Type) Brian J. Anderson

Registration No. (Attorney/Agent)

43,470

## Complete (if applicable)

Telephone (404) 504-7748

Signature

Date 10/10/01

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



24728

PATENT - TRADEMARK OFFICE



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PATENT - TRADEMARK OFFICE

Nonprovisional Patent  
 Serial No. TBA  
 Docket No. 10370/32421

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	HEYWARD, ET AL.	)	Group No.:	TBA
		)		
Serial No.:	TBA	)	Examiner:	TBA
		)		
Filed:	10/10/01	)		
		)		
Entitled:	SYSTEM AND METHODS FOR	)		
	CONSERVING WIRELESS	)		
	RESOURCES	)		

1050 U. S. PTO  
 09/974019  
 10/10/01

## PETITION FOR NONPROVISIONAL PATENT APPLICATION

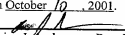
Commissioner for Patents  
**BOX NEW APPLICATION**  
 Washington, DC 20231

Dear Sir or Madam:

Your Petitioners, **CRAIG HEYWARD**, residing at 6907 Park Avenue, Atlanta, GA 30342; **JEFF THACHER**, residing at 110 Flowing Springs Trail, Atlanta, GA 30075 and **MICHAEL DEKRAKER** residing at 425 Lindberg Drive, B-2, Atlanta, GA 30325, all citizens of the United States of America, hereby submit their Nonprovisional Patent Application for a new and original invention entitled **SYSTEM AND METHODS FOR CONSERVING WIRELESS RESOURCES**, set forth in the specification attached hereto, and they hereby appoint Morris, Manning & Martin, Intellectual Property Group, 1600 Atlanta Financial Center, 3343 Peachtree Road, NE, Atlanta, GA 30326-1044, as their attorneys with full power of substitution and revocation to submit this application and to transact all business in the United States Patent and Trademark Office in connection therewith.

### CERTIFICATE OF MAILING BY EXPRESS MAIL

I hereby certify under 37 C.F.R. § 1.10 that this correspondence is being deposited with the United States Postal Service under Express Mail Label No. EL789902263US in an envelope addressed to: Commissioner for Patents, **BOX PATENT APPLICATION**, Washington, DC 20231 on October 10, 2001.

  
 Brian J. Anderson - Reg. No. 43,470

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Respectfully submitted,

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